

LISTING AND STATUS OF THE CLAIMS

The following is a complete listing of all the claims in the application, with an indication of the status of each:

- 1 1. (Canceled)
- 1 2. (Currently amended) An information retrieval apparatus comprising:
2 a data monitoring and content judging means for monitoring a document
3 retrieved from a database in inferring a field to which this document belongs ~~to~~, and
4 a retrieval screen generating means for generating a retrieval screen for a user
5 to perform a retrieval operation taking the inferred field as an object of retrieval and
6 outputting the retrieval screen as data to be displayed together with said retrieved
7 document, wherein
8 a document retrieved from said database is a structured document, and
9 said retrieval screen is a screen of a structured document in which screen a
10 retrieval part is embedded in the retrieved structured document and a user can
11 retrieve.
- 1 3. (Currently amended) An information retrieval apparatus comprising:
2 a data monitoring and content judging means for monitoring a document
3 retrieved from a database in inferring a field to which this document belongs ~~to~~, and
4 a retrieval screen generating means for generating a retrieval screen for a user
5 to perform a retrieval operation taking the inferred field as an object of retrieval and
6 outputting the retrieval screen as data to be displayed together with said retrieved
7 document, wherein
8 a document retrieved from said database is a structured document, and
9 said retrieval screen is a screen of a structured document in which a retrieval
10 part is separate from the retrieved structured document and a user can retrieve.
- 1 4. (Previously presented) An information retrieval apparatus according to claim 2,
2 wherein;
3 output of said retrieval screen generating means is supplied to an input/output

4 means for retrieving and displaying a document stored in said database, and
 5 said input/output means displays a retrieval screen outputted by said retrieval
 6 screen generating means and retrieves again another document stored in said database
 7 by a retrieval operation performed by a user according to this retrieval screen.

1 5. (Currently amended) An information retrieval apparatus comprising:

2 a data monitoring and content judging means for monitoring a document
 3 retrieved from a database in inferring a field to which this document belongs ~~to~~, and
 4 a retrieval screen generating means for generating a retrieval screen for a user
 5 to perform a retrieval operation taking the inferred field as an object of retrieval and
 6 outputting the retrieval screen as data to be displayed together with said retrieved
 7 document, wherein

8 a document retrieved from said database is a structured document, and
 9 said data monitoring and content judging means infers a field which the
 10 structured document belongs to, using as a criterion of judgement either one or both
 11 of the content of text data contained in the structured document and the number of
 12 links.

1 6. (Currently amended) An information retrieval apparatus comprising:

2 a data monitoring and content judging means for monitoring a document
 3 retrieved from a database in inferring a field to which this document belongs ~~to~~, and
 4 a retrieval screen generating means for generating a retrieval screen for a user
 5 to perform a retrieval operation taking the inferred field as an object of retrieval and
 6 outputting the retrieval screen as data to be displayed together with said retrieved
 7 document, wherein

8 a document retrieved from said database is given in advance the information
 9 for identifying its field, and

10 said data monitoring and content judging means notifies said retrieval screen
 11 generating means of a field represented by said identifying information.

1 7. (Currently amended) A recording medium having an information retrieval
 2 program stored in it, said program making a computer realize a data monitoring and
 3 content judging function for monitoring the content of a document retrieved by an

4 input/output device capable of retrieving a document stored in a database and for
5 inferring a field to which said document belongs ~~to~~, and a retrieval screen generating
6 function for generating a retrieval function taking the inferred field as an object of
7 retrieval and providing the retrieval function generated to said input/output device.

1 8. (Previously presented) An information retrieval apparatus according to claim 3,
2 wherein

3 output of said retrieval screen generating means is supplied to an input/output
4 means for retrieving and displaying a document stored in said database, and
5 said input/output means displays a retrieval screen outputted by said retrieval
6 screen generating means and retrieves again another document stored in said database
7 by a retrieval operation performed by a user according to this retrieval screen.